

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04011340001**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **BROCKDELL RD.**  
 CROSSING: **CANE CREEK**  
 LOCATION: **5MI EAST OF VAN BUREN CO**

COUNTY: **BLED SOE**  
 ROUTE: **01134**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **4.24**  
 SUFFICIENCY RATING: **87.7**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.55350 DEGREES**  
 (17a,b) LONGITUDE: **W 85.35533 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1960**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **23.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **30.8 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **30.8 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **5**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **9**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0N00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/14/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04011340003**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **COLLEGE STATION MTN. RD.**  
 CROSSING: **MAYS CREEK**  
 LOCATION: **.2 MI FROM US 127**

COUNTY: **BLED SOE**  
 ROUTE: **01134**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **11.86**  
 SUFFICIENCY RATING: **97.2**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.51035 DEGREES**  
 (17a,b) LONGITUDE: **W 85.28294 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1960**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **35.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **27.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **27.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/25/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04011340005**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **COLLEGE STATION MTN. RD.**  
 CROSSING: **SEQUATCHIE RIVER**  
 LOCATION: **3MI EAST OF US 127**

COUNTY: **BLED SOE**  
 ROUTE: **01134**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **13.51**  
 SUFFICIENCY RATING: **67.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.50172 DEGREES**  
 (17a,b) LONGITUDE: **W 85.25183 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **11**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1960**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **53.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **337.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **28.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **5**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **3**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **337.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$1,511,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$152,000.00**  
 (96) TOTAL PROJECT COST: **\$2,267,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2017**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/25/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **08/2016**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **Y60**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04011340007**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **LOWER EAST VALLEY RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **2MI EAST OF US 127**

COUNTY: **BLED SOE**  
 ROUTE: **01134**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **16.07**  
 SUFFICIENCY RATING: **68.7**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.52350 DEGREES**  
 (17a,b) LONGITUDE: **W 85.22533 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1954**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **28.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **28.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **50.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$325,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$33,000.00**  
 (96) TOTAL PROJECT COST: **\$488,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2017**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/26/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04011340009**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **LOWER EAST VALLEY RD.**  
 CROSSING: **KEEDY LOVE BRANCH**  
 LOCATION: **2 MI EAST OF US 127**

COUNTY: **BLED SOE**  
 ROUTE: **01134**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **16.23**  
 SUFFICIENCY RATING: **69.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.52450 DEGREES**  
 (17a,b) LONGITUDE: **W 85.22400 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1963**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **34.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **20 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **35.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **19.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **3**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **34.1 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$1,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$1,000.00**  
 (96) TOTAL PROJECT COST: **\$2,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2017**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/26/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04011340011**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **LOWER EAST VALLEY RD.**  
 CROSSING: **CRYSTAL CREEK**  
 LOCATION: **3MI EAST OF US 127**

COUNTY: **BLED SOE**  
 ROUTE: **01134**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **17.51**  
 SUFFICIENCY RATING: **66.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.53733 DEGREES**  
 (17a,b) LONGITUDE: **W 85.20733 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **5**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1952**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **59.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **20 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **25.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **21.0 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **25 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **19.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **4**  
 (62) CULVERT CONDITION (IF APPLICABLE): **5**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **3**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **59.1 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$104,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$11,000.00**  
 (96) TOTAL PROJECT COST: **\$157,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/26/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04011340013**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **LOWER EAST VALLEY RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **2MI EAST OF US 127**

COUNTY: **BLED SOE**  
 ROUTE: **01134**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **18.15**  
 SUFFICIENCY RATING: **69.6**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.54200 DEGREES**  
 (17a,b) LONGITUDE: **W 85.20617 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1952**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **23.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **20 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **25.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **27.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **19.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **3**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **23 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$52,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$6,000.00**  
 (96) TOTAL PROJECT COST: **\$79,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2017**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/26/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04011340015**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **LOWER EAST VALLEY RD.**  
 CROSSING: **MCREYNOLDS BRANCH**  
 LOCATION: **1MI EAST OF US127**

COUNTY: **BLED SOE**  
 ROUTE: **01134**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **20.17**  
 SUFFICIENCY RATING: **61.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.57518 DEGREES**  
 (17a,b) LONGITUDE: **W 85.19628 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1952**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **24.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **20 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **25.3 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **25 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **20.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **5**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **3**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **24 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$57,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$6,000.00**  
 (96) TOTAL PROJECT COST: **\$86,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2017**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/25/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04011340017**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **LOWER EAST VALLEY RD.**  
 CROSSING: **SKILLERN CREEK**  
 LOCATION: **.5 MI SOUTH OF SR 30**

COUNTY: **BLED SOE**  
 ROUTE: **01134**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **20.97**  
 SUFFICIENCY RATING: **69.6**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.58585 DEGREES**  
 (17a,b) LONGITUDE: **W 85.19061 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **5**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1952**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **55.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **20 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **24.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **20.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **5**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **3**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **55.1 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$112,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$12,000.00**  
 (96) TOTAL PROJECT COST: **\$169,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/25/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**PUBLICATION DATE**  
**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04S42630001**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **UPPER EAST VALLEY RD.**  
 CROSSING: **SEQUATCHIE RIVER**  
 LOCATION: **.2 MI EAST OF SR 28**

COUNTY: **BLED SOE**  
 ROUTE: **01155**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.17**  
 SUFFICIENCY RATING: **76.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.60555 DEGREES**  
 (17a,b) LONGITUDE: **W 85.18643 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1986**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **59.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **178.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **25.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **28.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **25.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/25/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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## PUBLICATION DATE

**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04S42630003**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **UPPER EAST VALLEY RD.**  
 CROSSING: **MILL BRANCH**  
 LOCATION: **3MI EAST OF US 127**

COUNTY: **BLED SOE**  
 ROUTE: **01155**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **7.95**  
 SUFFICIENCY RATING: **75.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.67485 DEGREES**  
 (17a,b) LONGITUDE: **W 85.09032 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1997**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **44.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **89.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **22 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **24.3 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **20.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **37 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/18/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04S42630007**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **LOWES GAP RD.**  
 CROSSING: **SEQUATCHIE RIVER**  
 LOCATION: **3 MI SE OF US 127**

COUNTY: **BLED SOE**  
 ROUTE: **01155**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **13.96**  
 SUFFICIENCY RATING: **74.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.73797 DEGREES**  
 (17a,b) LONGITUDE: **W 85.03797 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1965**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **45.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **129.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **28.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **20.0 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **129.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$95,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$10,000.00**  
 (96) TOTAL PROJECT COST: **\$143,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2017**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/18/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04S42630009**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **LOWES GAP RD.**  
 CROSSING: **STEPHENS BRANCH**  
 LOCATION: **1 MI EAST OF US 127**

COUNTY: **BLED SOE**  
 ROUTE: **01155**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **14.69**  
 SUFFICIENCY RATING: **96.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.74667 DEGREES**  
 (17a,b) LONGITUDE: **W 85.04260 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1963**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **45.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **20.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **27.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/18/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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## PUBLICATION DATE

**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04S42630011**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **LOWES GAP RD.**  
 CROSSING: **STEPHENS BRANCH**  
 LOCATION: **1 MI EAST OF US 127**

COUNTY: **BLED SOE**  
 ROUTE: **01155**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **14.99**  
 SUFFICIENCY RATING: **87.3**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.74725 DEGREES**  
 (17a,b) LONGITUDE: **W 85.04723 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1963**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **46.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **20.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **27.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **4**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **4**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/20/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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## PUBLICATION DATE

**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04021680001**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **HENDON RD.**  
 CROSSING: **HALL CREEK**  
 LOCATION: **3MI FROM HAMILTON CO LINE**

COUNTY: **BLED SOE**  
 ROUTE: **02168**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **5.98**  
 SUFFICIENCY RATING: **88.7**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.45212 DEGREES**  
 (17a,b) LONGITUDE: **W 85.21222 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **4**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2000**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **14.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **59.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **33.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **23.8 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/25/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04021680003**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **HENDON RD.**  
 CROSSING: **MC GILL CREEK**  
 LOCATION: **1 MI EAST OF SMITHTOWN**

COUNTY: **BLED SOE**  
 ROUTE: **02168**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **8.84**  
 SUFFICIENCY RATING: **96.1**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.47477 DEGREES**  
 (17a,b) LONGITUDE: **W 85.18855 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **UNKNOWN**  
 C) TYPE PROTECTION: **UNKNOWN**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1992**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **23.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **27.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **39.4 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **23.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **28.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/25/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04021720003**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **SUMMER CITY RD.**  
 CROSSING: **POLEBRIDGE CREEK**  
 LOCATION: **.15 MI N OF SR 30**

COUNTY: **BLED SOE**  
 ROUTE: **02172**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.15**  
 SUFFICIENCY RATING: **85.1**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.57167 DEGREES**  
 (17a,b) LONGITUDE: **W 85.10833 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1992**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **23.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **27.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **31.8 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **27.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **5**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/14/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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## PUBLICATION DATE

**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04021720001**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **SUMMER CITY RD.**  
 CROSSING: **LOWRY BRANCH**  
 LOCATION: **.5 MI FROM RHEA CO.LINE**

COUNTY: **BLED SOE**  
 ROUTE: **02172**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **3.55**  
 SUFFICIENCY RATING: **94.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.60167 DEGREES**  
 (17a,b) LONGITUDE: **W 85.07333 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1977**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **21.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **26.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/14/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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## PUBLICATION DATE

**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04021740007**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **OLD HWY. 28**  
 CROSSING: **ROCKY BRANCH**  
 LOCATION: **.5 MI FROM US 127**

COUNTY: **BLED SOE**  
 ROUTE: **02174**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.45**  
 SUFFICIENCY RATING: **32.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.68842 DEGREES**  
 (17a,b) LONGITUDE: **W 85.11420 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **STEEL**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1977**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **8.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **36.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **0 TONS**  
 WEIGHT POSTING (3 OR MORE AXLES): **0 TONS**  
 (70) BRIDGE POSTING CODE: **0**  
 (41) WT POSTING STATUS: **CLOSED**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **0**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **36.1 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$171,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$18,000.00**  
 (96) TOTAL PROJECT COST: **\$257,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/14/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04021740005**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **OLD HWY. 28**  
 CROSSING: **LITTLE CREEK**  
 LOCATION: **1 MI EAST OF US 127**

COUNTY: **BLED SOE**  
 ROUTE: **02174**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.44**  
 SUFFICIENCY RATING: **83.7**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.69767 DEGREES**  
 (17a,b) LONGITUDE: **W 85.10113 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2002**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.4 FT**  
 (49) TOTAL BRIDGE LENGTH: **34.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **20 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **29.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **23.6 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1N11**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/20/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04021740003**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **OLD HWY. 28**  
 CROSSING: **SWAFFORD BRANCH**  
 LOCATION: **1 MI EAST OF US 127**

COUNTY: **BLED SOE**  
 ROUTE: **02174**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **4.39**  
 SUFFICIENCY RATING: **60.3**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.72695 DEGREES**  
 (17a,b) LONGITUDE: **W 85.06733 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **STEEL**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1976**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **8.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **20.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **32.2 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **34.4 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **25.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **NO**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **4**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **4**  
 (68) DECK GEOMETRY: **7**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **4**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **20 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$114,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$12,000.00**  
 (96) TOTAL PROJECT COST: **\$172,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/14/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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## PUBLICATION DATE

**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04021740001**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **OLD HWY. 28**  
 CROSSING: **STEPHENS BRANCH**  
 LOCATION: **.2 MI FROM CUMBERLAND CO.**

COUNTY: **BLED SOE**  
 ROUTE: **02174**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **6.84**  
 SUFFICIENCY RATING: **88.2**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.74470 DEGREES**  
 (17a,b) LONGITUDE: **W 85.03112 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1986**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **33.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **22 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **25.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **17.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **5**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/20/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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## PUBLICATION DATE

**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04022330001**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **LOWER EAST VALLEY RD.**  
 CROSSING: **MCWILLIAMS CREEK**  
 LOCATION: **3MI EAST OF US 127**

COUNTY: **BLED SOE**  
 ROUTE: **02233**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.37**  
 SUFFICIENCY RATING: **85.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.43416 DEGREES**  
 (17a,b) LONGITUDE: **W 85.30252 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1963**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **63.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **20.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **27.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/19/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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## PUBLICATION DATE

**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04022330003**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **LOWER EAST VALLEY RD.**  
 CROSSING: **BOWMAN CREEK**  
 LOCATION: **2 MIEAST OF US 127**

COUNTY: **BLED SOE**  
 ROUTE: **02233**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **3.66**  
 SUFFICIENCY RATING: **91.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.46177 DEGREES**  
 (17a,b) LONGITUDE: **W 85.28093 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1963**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **40.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **20.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **26.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/19/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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## PUBLICATION DATE

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04022330005**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **LOWER EAST VALLEY RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **2MI EAST OF US 127**

COUNTY: **BLED SOE**  
 ROUTE: **02233**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **4.24**  
 SUFFICIENCY RATING: **96.6**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.46867 DEGREES**  
 (17a,b) LONGITUDE: **W 85.27417 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1950**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **7.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **20.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **NO**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **5**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/26/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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## PUBLICATION DATE

**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04022330007**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **LOWER EAST VALLEY RD.**  
 CROSSING: **HIGH BRANCH**  
 LOCATION: **2MI EAST OF US127**

COUNTY: **BLED SOE**  
 ROUTE: **02233**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **6.68**  
 SUFFICIENCY RATING: **75.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.49886 DEGREES**  
 (17a,b) LONGITUDE: **W 85.25502 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1963**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **38.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **22 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **30.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **16.1 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **21.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **38.1 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$21,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$3,000.00**  
 (96) TOTAL PROJECT COST: **\$32,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2017**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/19/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **040A0680001**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **OLD YORK HWY.**  
 CROSSING: **POND CREEK**  
 LOCATION: **.1 MI WEST OF US127**

COUNTY: **BLED SOE**  
 ROUTE: **0A068**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **4.22**  
 SUFFICIENCY RATING: **69.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.49005 DEGREES**  
 (17a,b) LONGITUDE: **W 85.30458 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **STEEL**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1968**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **7.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **21.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **20.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **23.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **5**  
 (62) CULVERT CONDITION (IF APPLICABLE): **4**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **4**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **4**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **ONNO**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **21 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$114,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$12,000.00**  
 (96) TOTAL PROJECT COST: **\$172,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **7/11/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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## PUBLICATION DATE

**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **040A0680003**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **OLD YORK HWY.**  
 CROSSING: **CANNON CREEK**  
 LOCATION: **.2 MI FROM US 127**

COUNTY: **BLED SOE**  
 ROUTE: **0A068**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **5.47**  
 SUFFICIENCY RATING: **94.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.50300 DEGREES**  
 (17a,b) LONGITUDE: **W 85.29017 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2008**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **35.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **39.4 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **26.2 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **31.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.6 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **26.1 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **5**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **7/2/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **040A0680005**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **OLD YORK HWY.**  
 CROSSING: **MAISE CREEK**  
 LOCATION: **.2 MI FROM US 127**

COUNTY: **BLED SOE**  
 ROUTE: **0A068**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **6.99**  
 SUFFICIENCY RATING: **84.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.52382 DEGREES**  
 (17a,b) LONGITUDE: **W 85.27928 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1982**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **22.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **21 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **25.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **17.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **21.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **7/9/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **040A0680007**  
 BRIDGE OWNER: **CITY OF PIKEVILLE**  
 FIPS CODE: **58120**  
 ROAD NAME: **ALVIN YORK HWY.**  
 CROSSING: **BRANCH**  
 LOCATION: **CITY OF PIKEVILLE**

COUNTY: **BLED SOE**  
 ROUTE: **0A068**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **13.01**  
 SUFFICIENCY RATING: **95.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.58875 DEGREES**  
 (17a,b) LONGITUDE: **W 85.21363 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **STEEL**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1978**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **8.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **29.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **18.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **4**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **4**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **7/9/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **040A0730001**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **MILL DAM RD.**  
 CROSSING: **SEQUATCHIE RIVER**  
 LOCATION: **1 MI FROM FAS 1155**

COUNTY: **BLED SOE**  
 ROUTE: **0A073**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.68**  
 SUFFICIENCY RATING: **61.1**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.62483 DEGREES**  
 (17a,b) LONGITUDE: **W 85.15200 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **STEEL**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **4**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1936**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **51.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **210.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **20 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **21 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **19.0 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **20.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **5**  
 (59) SUPERSTRUCTURE: **5**  
 (60) SUBSTRUCTURE: **5**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **U**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **210 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$439,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$44,000.00**  
 (96) TOTAL PROJECT COST: **\$659,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2017**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **7/2/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **040A0800001**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **NINE MILE CROSSING RD.**  
 CROSSING: **SEQUATCHIE RIVER**  
 LOCATION: **1.5 MI FROM SR28**

COUNTY: **BLED SOE**  
 ROUTE: **0A080**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.42**  
 SUFFICIENCY RATING: **81.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.68850 DEGREES**  
 (17a,b) LONGITUDE: **W 85.07633 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1988**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **45.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **116.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **18 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **22 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **5 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **3**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **1000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **7/3/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **/**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **040A0800003**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **NINE MILE CROSSING RD.**  
 CROSSING: **HELLHOLE CREEK**  
 LOCATION: **.2MI EAST OF US127**

COUNTY: **BLED SOE**  
 ROUTE: **0A080**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.76**  
 SUFFICIENCY RATING: **70.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.70415 DEGREES**  
 (17a,b) LONGITUDE: **W 85.10015 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **STEEL**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1995**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **26.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **28.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **16.1 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **16.7 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **18.0 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **14 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **16.4 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **5**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **5**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **2**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0N00**  
 (113) SCOUR CONDITION RATING: **3**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **28.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$106,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$11,000.00**  
 (96) TOTAL PROJECT COST: **\$160,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2017**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **7/9/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **040A0840001**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **MELVIN CROSSROADS RD.**  
 CROSSING: **SEQUATCHIE RIVER**  
 LOCATION: **2MI EAST OF US 127**

COUNTY: **BLED SOE**  
 ROUTE: **0A084**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.05**  
 SUFFICIENCY RATING: **99.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.72450 DEGREES**  
 (17a,b) LONGITUDE: **W 85.05700 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1993**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **80.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **83.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **22 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **24.3 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **15.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **10 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **7/3/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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## PUBLICATION DATE

**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **040A0930001**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **BEAVER HILL RD.**  
 CROSSING: **LITTLE BEAVER DAM CREEK**  
 LOCATION: **5 MI EAST OF SR 101**

COUNTY: **BLED SOE**  
 ROUTE: **0A093**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.38**  
 SUFFICIENCY RATING: **57.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.72380 DEGREES**  
 (17a,b) LONGITUDE: **W 85.18335 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **STEEL CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1940**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **14.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **27.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **19 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **19.4 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **25 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **18.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **5**  
 (59) SUPERSTRUCTURE: **5**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **4**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **2**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **U**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING WITH DECK REPAIR OR REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **27.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$102,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$11,000.00**  
 (96) TOTAL PROJECT COST: **\$154,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2017**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **7/3/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **040A1000001**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **BEAVER HILL RD.**  
 CROSSING: **BEAVER DAM CREEK**  
 LOCATION: **3MI EAST OF SR101**

COUNTY: **BLED SOE**  
 ROUTE: **0A100**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.15**  
 SUFFICIENCY RATING: **86.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.68837 DEGREES**  
 (17a,b) LONGITUDE: **W 85.19932 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **25.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **22.3 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **29.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **7/10/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **040A1140001**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **GRAPE VINE RD.**  
 CROSSING: **BEE CREEK**  
 LOCATION: **ON CUMBERLAND CO LN**

COUNTY: **BLED SOE**  
 ROUTE: **0A114**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **2**  
 LOG MILE: **0.02**  
 SUFFICIENCY RATING: **84.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.76842 DEGREES**  
 (17a,b) LONGITUDE: **W 85.14892 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2014**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **3.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **44.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **10 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **15.1 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **4**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1N11**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **7/3/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **040A1160001**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **ROY WYATT RD.**  
 CROSSING: **BEE CREEK**  
 LOCATION: **.5 MI FROM CUMBERLAND CO.**

COUNTY: **BLED SOE**  
 ROUTE: **0A116**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.47**  
 SUFFICIENCY RATING: **79.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.76350 DEGREES**  
 (17a,b) LONGITUDE: **W 85.17843 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1988**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **41.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **45.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **21.7 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **24.3 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **16.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **21.3 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **4**  
 (72) APPROACH ROADWAY ALIGNMENT: **3**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **7/3/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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## PUBLICATION DATE

**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **040A1260001**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **BOB WORTHINGTON RD.**  
 CROSSING: **BRADDEN CREEK**  
 LOCATION: **BLEDSON STATE FOREST**

COUNTY: **BLEDSON**  
 ROUTE: **0A126**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.74**  
 SUFFICIENCY RATING: **92.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.70478 DEGREES**  
 (17a,b) LONGITUDE: **W 85.27455 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **24.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **29.2 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **31.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **7**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/4/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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## PUBLICATION DATE

**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **040A1310001**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **C C RD.**  
 CROSSING: **GLADE CREEK**  
 LOCATION: **BLEDSON STATE FOREST**

COUNTY: **BLEDSON**  
 ROUTE: **0A131**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.47**  
 SUFFICIENCY RATING: **83.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.71260 DEGREES**  
 (17a,b) LONGITUDE: **W 85.26330 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **WOOD OR TIMBER**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **WOOD OR TIMBER**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **PREFORMED FABRIC**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2005**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **1**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **51.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **53.8 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **15.7 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **18 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **15.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **ONE LANE BRIDGE FOR 2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **7**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/4/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **040A1360001**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **BEDWELL RD.**  
 CROSSING: **COVE BRANCH**  
 LOCATION: **1 MI EAST OF US 127**

COUNTY: **BLED SOE**  
 ROUTE: **0A136**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.06**  
 SUFFICIENCY RATING: **66.1**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.65367 DEGREES**  
 (17a,b) LONGITUDE: **W 85.13967 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **STEEL**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **OPEN GRATING**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **OTHER**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1976**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **1**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **32.2 FT**  
 (49) TOTAL BRIDGE LENGTH: **32.2 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **13.5 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **13.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **16.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **13.3 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **ONE LANE BRIDGE FOR 2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **4**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **U**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **32.2 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$146,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$15,000.00**  
 (96) TOTAL PROJECT COST: **\$220,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2017**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **7/3/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **040A1450001**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **LONE OAK RD.**  
 CROSSING: **HELLHOLE CREEK**  
 LOCATION: **1 M OFF SR 28 AT NINEMILE**

COUNTY: **BLED SOE**  
 ROUTE: **0A145**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.29**  
 SUFFICIENCY RATING: **99.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.71124 DEGREES**  
 (17a,b) LONGITUDE: **W 85.10303 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1991**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **26.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **21.7 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **25.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **20.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **21.8 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **7/10/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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## PUBLICATION DATE

**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **040A1520001**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **OLD STATE HWY. 28**  
 CROSSING: **COVE BRANCH**  
 LOCATION: **.2 MI FROM SR 28**

COUNTY: **BLED SOE**  
 ROUTE: **0A152**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.30**  
 SUFFICIENCY RATING: **98.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.33954 DEGREES**  
 (17a,b) LONGITUDE: **W 85.14548 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1999**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.4 FT**  
 (49) TOTAL BRIDGE LENGTH: **34.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **22 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **28.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **21.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **4**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **7/10/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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## PUBLICATION DATE

**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **040A2340001**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **NEW HARMONY RD.**  
 CROSSING: **ROARING CREEK**  
 LOCATION: **2 MI WEST OF REA CO LINE**

COUNTY: **BLED SOE**  
 ROUTE: **0A234**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.34**  
 SUFFICIENCY RATING: **94.3**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.52200 DEGREES**  
 (17a,b) LONGITUDE: **W 85.15830 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1987**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **37.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **26.2 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **29.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **26.3 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **5**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **1N10**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **7/9/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **040A2860003**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **HOWARD BEAVER RD.**  
 CROSSING: **CANNON CREEK**  
 LOCATION: **3 MI EASST OF US 127**

COUNTY: **BLED SOE**  
 ROUTE: **0A286**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **4.40**  
 SUFFICIENCY RATING: **98.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.47112 DEGREES**  
 (17a,b) LONGITUDE: **W 85.30085 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1986**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **33.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **23 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **26.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **5 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **5**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **7/3/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **040A2900001**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **HOWARD BEAVER RD.**  
 CROSSING: **CANNON CREEK**  
 LOCATION: **.3 MI FROM US 127**

COUNTY: **BLED SOE**  
 ROUTE: **0A290**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.33**  
 SUFFICIENCY RATING: **89.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.48890 DEGREES**  
 (17a,b) LONGITUDE: **W 85.29895 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1958**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **42.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **21.7 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **21.7 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **20.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **21.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **7/2/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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## PUBLICATION DATE

**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **040A3090001**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **MCWILLIAMS RD.**  
 CROSSING: **SEQUATCHIE RIVER**  
 LOCATION: **1MI EAST OF US 127**

COUNTY: **BLED SOE**  
 ROUTE: **0A309**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.61**  
 SUFFICIENCY RATING: **97.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.45143 DEGREES**  
 (17a,b) LONGITUDE: **W 85.31791 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1988**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **65.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **180.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **22 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **24.3 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **7/9/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **040A3100001**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **RAY HIXSON RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **3MI EAST OF US 127**

COUNTY: **BLED SOE**  
 ROUTE: **0A310**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.74**  
 SUFFICIENCY RATING: **23.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.45670 DEGREES**  
 (17a,b) LONGITUDE: **W 85.29720 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **STEEL**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **OPEN GRATING**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **OTHER**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1976**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **1**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **32.2 FT**  
 (49) TOTAL BRIDGE LENGTH: **32.2 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **13.5 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **13.5 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **11.2 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **13.3 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **ONE LANE BRIDGE FOR 2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **TEMPORARY BRIDGE IN-PLACE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **5**  
 (59) SUPERSTRUCTURE: **5**  
 (60) SUBSTRUCTURE: **2**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **3**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN, TEMP STRUCTURE**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **2**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **U**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **54.1 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$303,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$31,000.00**  
 (96) TOTAL PROJECT COST: **\$455,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2017**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **7/9/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **040A3150001**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **SUZANNE RD.**  
 CROSSING: **SUZANNE BRANCH**  
 LOCATION: **5MI WEST OF HAMILTON CO.**

COUNTY: **BLED SOE**  
 ROUTE: **0A315**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.87**  
 SUFFICIENCY RATING: **91.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.43493 DEGREES**  
 (17a,b) LONGITUDE: **W 85.22433 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1986**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **25.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **22 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **25.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **5**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **7/2/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **040A0430001**  
 BRIDGE OWNER: **CITY OF PIKEVILLE**  
 FIPS CODE: **58120**  
 ROAD NAME: **ROCKFORT RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **IN CITY OF PIKEVILLE**

COUNTY: **BLED SOE**  
 ROUTE: **0A466**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.38**  
 SUFFICIENCY RATING: **79.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.61894 DEGREES**  
 (17a,b) LONGITUDE: **W 85.19127 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1989**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **30.8 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **20.7 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **24.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **20.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **5**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **2**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **0N00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **30.8 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$98,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$10,000.00**  
 (96) TOTAL PROJECT COST: **\$148,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **7/10/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**PUBLICATION DATE**  
**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04SR0300005**  
 BRIDGE OWNER: **CITY OF PIKEVILLE**  
 FIPS CODE: **58120**  
 ROAD NAME: **S. MAIN ST.**  
 CROSSING: **SEQUATCHIE RIVER**  
 LOCATION: **IN PIKEVILLE CITY LIMITS**

COUNTY: **BLED SOE**  
 ROUTE: **0A474**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.07**  
 SUFFICIENCY RATING: **54.7**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.59687 DEGREES**  
 (17a,b) LONGITUDE: **W 85.19090 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **4**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1925**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **36.7 FT**  
 (49) TOTAL BRIDGE LENGTH: **148.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **19 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **21 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **27.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **18.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **5**  
 (60) SUBSTRUCTURE: **5**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **2**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **3**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **148 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$752,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$76,000.00**  
 (96) TOTAL PROJECT COST: **\$1,129,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2017**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **7/11/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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## PUBLICATION DATE

**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **040A6900001**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **PINE RD.**  
 CROSSING: **BRANCH**  
 LOCATION: **1.5 MI E INT. SR101&SR285**

COUNTY: **BLED SOE**  
 ROUTE: **0A690**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.81**  
 SUFFICIENCY RATING: **84.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.72408 DEGREES**  
 (17a,b) LONGITUDE: **W 85.20159 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NONE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2017**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **18.3 FT**  
 (49) TOTAL BRIDGE LENGTH: **38.7 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **22.3 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **27.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **18.4 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.3 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HL-93**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1N11**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **7/10/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **040A3180001**  
 BRIDGE OWNER: **BLED SOE COUNTY**  
 FIPS CODE: **00000**  
 ROAD NAME: **BLAIN SMITH RD.**  
 CROSSING: **LAUREL BRANCH**  
 LOCATION: **2MI WEST OF HAMILTON CO.**

COUNTY: **BLED SOE**  
 ROUTE: **0D761**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.91**  
 SUFFICIENCY RATING: **91.7**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.40398 DEGREES**  
 (17a,b) LONGITUDE: **W 85.24278 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **23.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **22.6 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **25.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **5**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **5**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **7/2/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04SR0280001**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **US-HWY. 127**  
 CROSSING: **AUSTIN BRANCH**  
 LOCATION: **.11 MI.NE.SQUATCHIE CO.**

COUNTY: **BLED SOE**  
 ROUTE: **SR028**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.12**  
 SUFFICIENCY RATING: **82.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.44423 DEGREES**  
 (17a,b) LONGITUDE: **W 85.34337 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1953**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **23.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **29.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1NON**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/11/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04SR0280003**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **US-HWY. 127**  
 CROSSING: **CLARK BRANCH**  
 LOCATION: **1.74 MI.NE.SEQUATCHIE CO.**

COUNTY: **BLEDSOE**  
 ROUTE: **SR028**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.75**  
 SUFFICIENCY RATING: **82.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.46301 DEGREES**  
 (17a,b) LONGITUDE: **W 85.32661 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1953**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **23.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **29.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **000N**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/11/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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## PUBLICATION DATE

**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04SR0280005**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **US-HWY. 127**  
 CROSSING: **LAMB CREEK**  
 LOCATION: **3 MILES SW.OF COLLEGE**

COUNTY: **BLED SOE**  
 ROUTE: **SR028**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.54**  
 SUFFICIENCY RATING: **56.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.47279 DEGREES**  
 (17a,b) LONGITUDE: **W 85.32776 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1953**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **28.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **86.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **25.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **32.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **25.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **2**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **7**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0001**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **86 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$269,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$27,000.00**  
 (96) TOTAL PROJECT COST: **\$404,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/12/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**27-Jul-18**



# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04SR0280007**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **US-HWY. 127**  
 CROSSING: **POND CREEK**  
 LOCATION: **1.4 MI.SW.OF COLLEGE**

COUNTY: **BLED SOE**  
 ROUTE: **SR028**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **4.05**  
 SUFFICIENCY RATING: **55.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.49003 DEGREES**  
 (17a,b) LONGITUDE: **W 85.30245 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1951**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **28.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **86.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **25.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **32.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **25.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **3**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **9**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **86 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$208,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$21,000.00**  
 (96) TOTAL PROJECT COST: **\$313,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/5/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04SR0280009**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **US-HWY. 127**  
 CROSSING: **BRANCH**  
 LOCATION: **1.35 MI.SW.OF COLLEGE**

COUNTY: **BLED SOE**  
 ROUTE: **SR028**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **4.22**  
 SUFFICIENCY RATING: **76.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.49388 DEGREES**  
 (17a,b) LONGITUDE: **W 85.29894 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1953**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **23.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **29.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ON00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/11/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04SR0280011**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **US-HWY. 127**  
 CROSSING: **RAINS BRANCH**  
 LOCATION: **5 MI.SW.OF LEE'S STATION**

COUNTY: **BLEDSOE**  
 ROUTE: **SR028**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **4.39**  
 SUFFICIENCY RATING: **63.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.49387 DEGREES**  
 (17a,b) LONGITUDE: **W 85.29894 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1953**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **24.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **29.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **34.4 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **31.5 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0001**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **24 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$62,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$7,000.00**  
 (96) TOTAL PROJECT COST: **\$94,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/12/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04SR0280013**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **US-HWY. 127**  
 CROSSING: **CANNON CREEK**  
 LOCATION: **.4 MI.SW.OF COLLEGE**

COUNTY: **BLED SOE**  
 ROUTE: **SR028**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **5.20**  
 SUFFICIENCY RATING: **57.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.50167 DEGREES**  
 (17a,b) LONGITUDE: **W 85.28600 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1951**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **28.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **86.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **25.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **32.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **26.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **3**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0N00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **86 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$208,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$21,000.00**  
 (96) TOTAL PROJECT COST: **\$313,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2017**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/14/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04SR0280015**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **US-HWY. 127**  
 CROSSING: **MAISE CREEK**  
 LOCATION: **.4 MI.NE.OF COLLEGE**

COUNTY: **BLED SOE**  
 ROUTE: **SR028**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **6.47**  
 SUFFICIENCY RATING: **57.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.51871 DEGREES**  
 (17a,b) LONGITUDE: **W 85.27798 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1953**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **32.2 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **29.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **48.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **32.4 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **3**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0001**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **32.2 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$1,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$1,000.00**  
 (96) TOTAL PROJECT COST: **\$2,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2017**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/12/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04SR0280017**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **US-HWY. 127**  
 CROSSING: **SPRING BRANCH**  
 LOCATION: **1.3 MI.SW.LEE'S STATION**

COUNTY: **BLEDSOE**  
 ROUTE: **SR028**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **8.14**  
 SUFFICIENCY RATING: **49.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.53617 DEGREES**  
 (17a,b) LONGITUDE: **W 85.25633 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1953**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **25.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **29.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **40 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **31.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **3**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0001**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **25.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$57,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$6,000.00**  
 (96) TOTAL PROJECT COST: **\$86,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2017**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/14/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04SR0280019**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **US-HWY. 127**  
 CROSSING: **PEMBERTON CREEK**  
 LOCATION: **1.1 MI.SW.LEE'S STATION**

COUNTY: **BLED SOE**  
 ROUTE: **SR028**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **8.35**  
 SUFFICIENCY RATING: **55.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.52517 DEGREES**  
 (17a,b) LONGITUDE: **W 85.26667 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1953**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **23.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **29.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **34.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **32.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **3**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0001**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **23 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$80,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$9,000.00**  
 (96) TOTAL PROJECT COST: **\$121,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2017**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/11/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04SR0280021**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **US-HWY. 127**  
 CROSSING: **ROCKY BRANCH**  
 LOCATION: **.5 MI.SW.LEE'S STATION**

COUNTY: **BLEDSOE**  
 ROUTE: **SR028**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **8.75**  
 SUFFICIENCY RATING: **53.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.54600 DEGREES**  
 (17a,b) LONGITUDE: **W 85.25550 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1951**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **28.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **86.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **25.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **32.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **31.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **2**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0001**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **86 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$269,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$27,000.00**  
 (96) TOTAL PROJECT COST: **\$404,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/5/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04SR0280023**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **US-HWY. 127**  
 CROSSING: **BRANCH**  
 LOCATION: **SOUTHWEST LEE'S STATION**

COUNTY: **BLEDSOE**  
 ROUTE: **SR028**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **8.87**  
 SUFFICIENCY RATING: **62.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.54750 DEGREES**  
 (17a,b) LONGITUDE: **W 85.25487 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1953**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **23.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **30.8 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **34.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **31.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **3**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0001**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **23 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$80,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$9,000.00**  
 (96) TOTAL PROJECT COST: **\$121,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/4/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04SR0280025**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **US-HWY. 127**  
 CROSSING: **BRACKEN BRANCH**  
 LOCATION: **IN LEE'S STATION**

COUNTY: **BLEDSOE**  
 ROUTE: **SR028**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **10.00**  
 SUFFICIENCY RATING: **60.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.56167 DEGREES**  
 (17a,b) LONGITUDE: **W 85.24667 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1953**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **23.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **30.8 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **34.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **31.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **3**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0001**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **23 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$80,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$9,000.00**  
 (96) TOTAL PROJECT COST: **\$121,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/4/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04SR0280027**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **US-HWY. 127**  
 CROSSING: **BRANCH**  
 LOCATION: **2.7 MI.SW.OF PIKEVILLE**

COUNTY: **BLED SOE**  
 ROUTE: **SR028**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **10.78**  
 SUFFICIENCY RATING: **82.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.56833 DEGREES**  
 (17a,b) LONGITUDE: **W 85.23667 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1953**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **23.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **32.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1N11**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/4/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04SR0280029**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **MAIN ST.**  
 CROSSING: **BRANCH**  
 LOCATION: **1.6 MI.SW.OF PIKEVILLE**

COUNTY: **BLED SOE**  
 ROUTE: **SR028**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **11.88**  
 SUFFICIENCY RATING: **55.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.58032 DEGREES**  
 (17a,b) LONGITUDE: **W 85.22166 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1953**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **23.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **29.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **34.1 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **31.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **3**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0001**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **23 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$80,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$9,000.00**  
 (96) TOTAL PROJECT COST: **\$121,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2017**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/12/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04SR0280031**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **MAIN ST.**  
 CROSSING: **BRANCH**  
 LOCATION: **1.04 MI.SW.OF PIKEVILLE**

COUNTY: **BLEDSOE**  
 ROUTE: **SR028**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **12.45**  
 SUFFICIENCY RATING: **54.7**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.57752 DEGREES**  
 (17a,b) LONGITUDE: **W 85.22637 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1951**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **28.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **86.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **25.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **32.2 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **30.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **6**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **2**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0001**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **86 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$269,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$27,000.00**  
 (96) TOTAL PROJECT COST: **\$404,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2017**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/12/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04SR0280033**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **58120**  
 ROAD NAME: **MAIN ST.**  
 CROSSING: **BRANCH**  
 LOCATION: **.01 MI.NE.OF PIKEVILLE**

COUNTY: **BLED SOE**  
 ROUTE: **SR028**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **15.35**  
 SUFFICIENCY RATING: **75.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.61500 DEGREES**  
 (17a,b) LONGITUDE: **W 85.18667 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1957**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **2000**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **3**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **23.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **44.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **15 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **39.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **23 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$191,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$20,000.00**  
 (96) TOTAL PROJECT COST: **\$287,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2017**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/13/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04SR0280035**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **58120**  
 ROAD NAME: **US-HWY. 127**  
 CROSSING: **BRANCH**  
 LOCATION: **.2 MI.NE.OF PIKEVILLE**

COUNTY: **BLEDSOE**  
 ROUTE: **SR028**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **15.54**  
 SUFFICIENCY RATING: **66.8**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.61833 DEGREES**  
 (17a,b) LONGITUDE: **W 85.18500 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1957**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **2001**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **3**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **23.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **56.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **61.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **5**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **1N00**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **23 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$191,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$20,000.00**  
 (96) TOTAL PROJECT COST: **\$287,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/13/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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## PUBLICATION DATE

**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04SR0280037**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **US-HWY. 127**  
 CROSSING: **HALL CREEK**  
 LOCATION: **2.44 MI.NE.OF PIKEVILLE**

COUNTY: **BLED SOE**  
 ROUTE: **SR028**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **17.79**  
 SUFFICIENCY RATING: **74.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.64723 DEGREES**  
 (17a,b) LONGITUDE: **W 85.16468 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1957**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **37.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **38.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **32.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **37.1 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$234,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$24,000.00**  
 (96) TOTAL PROJECT COST: **\$352,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/11/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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## PUBLICATION DATE

**27-Jul-18**



# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04SR0280039**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **US-HWY. 127**  
 CROSSING: **COLD SPRING COVE BRANCH**  
 LOCATION: **3.82 MI.NE.OF PIKEVILLE**

COUNTY: **BLED SOE**  
 ROUTE: **SR028**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **19.17**  
 SUFFICIENCY RATING: **76.1**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.66000 DEGREES**  
 (17a,b) LONGITUDE: **W 85.14833 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1957**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **38.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **38.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **32.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/13/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04SR0280041**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **US-HWY. 127**  
 CROSSING: **ROCKY CREEK**  
 LOCATION: **IN COLD SPRING**

COUNTY: **BLEDSOE**  
 ROUTE: **SR028**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **20.56**  
 SUFFICIENCY RATING: **78.1**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.67500 DEGREES**  
 (17a,b) LONGITUDE: **W 85.13167 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1957**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **23.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **38.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **37.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **23 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$154,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$16,000.00**  
 (96) TOTAL PROJECT COST: **\$232,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/6/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04SR0280043**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **US-HWY. 127**  
 CROSSING: **ROCKY BRANCH**  
 LOCATION: **IN COLD SPRING**

COUNTY: **BLEDSOE**  
 ROUTE: **SR028**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **21.84**  
 SUFFICIENCY RATING: **86.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.69046 DEGREES**  
 (17a,b) LONGITUDE: **W 85.11676 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **4**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1957**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **43.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **38.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **37.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/6/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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## PUBLICATION DATE

**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04SR0280045**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **US-HWY. 127**  
 CROSSING: **HELL HOLE CREEK**  
 LOCATION: **.1 M FM NINEMILE CROSS RD**

COUNTY: **BLEDSOE**  
 ROUTE: **SR028**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **23.31**  
 SUFFICIENCY RATING: **87.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.70667 DEGREES**  
 (17a,b) LONGITUDE: **W 85.10167 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1957**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **44.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **38.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **37.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/11/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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## PUBLICATION DATE

**27-Jul-18**



# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04SR0280049**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **US-HWY. 127**  
 CROSSING: **SWAFFORD CREEK**  
 LOCATION: **3.11 MI.SW.CUMBERLAND CO.**

COUNTY: **BLED SOE**  
 ROUTE: **SR028**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **25.83**  
 SUFFICIENCY RATING: **86.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.73726 DEGREES**  
 (17a,b) LONGITUDE: **W 85.07507 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1957**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **23.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **38.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **37.7 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/6/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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## PUBLICATION DATE

**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04SR0300001**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **STATE HWY. 30**  
 CROSSING: **BRADDEN CREEK**  
 LOCATION: **1.1 MI.SE.VAN BUREN CO.**

COUNTY: **BLED SOE**  
 ROUTE: **SR030**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.10**  
 SUFFICIENCY RATING: **85.9**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.68399 DEGREES**  
 (17a,b) LONGITUDE: **W 85.27657 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2012**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **13.8 FT**  
 (49) TOTAL BRIDGE LENGTH: **29.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **43.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **44.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL ARTERIAL**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **8**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0N01**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/4/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04SR0300003**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **STATE HWY. 30**  
 CROSSING: **GLADE CREEK**  
 LOCATION: **1 MI JCT OF SR101**

COUNTY: **BLEDSOE**  
 ROUTE: **SR030**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **2.54**  
 SUFFICIENCY RATING: **65.1**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.67542 DEGREES**  
 (17a,b) LONGITUDE: **W 85.25330 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1956**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **3**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **34.1 FT**  
 (49) TOTAL BRIDGE LENGTH: **37.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **28.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **29.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **27.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **28.9 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL ARTERIAL**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **5**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **2**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **6**  
 (36) TRAFFIC SAFETY FEATURES: **1000**  
 (113) SCOUR CONDITION RATING: **U**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **37.1 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$184,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$19,000.00**  
 (96) TOTAL PROJECT COST: **\$277,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/4/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**PUBLICATION DATE**  
**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04SR0300007**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **58120**  
 ROAD NAME: **STATE HWY. 30**  
 CROSSING: **SEQUATCHIE RIVER**  
 LOCATION: **IN PIKEVILLE CITY LIMITS**

COUNTY: **BLED SOE**  
 ROUTE: **SR030**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **10.36**  
 SUFFICIENCY RATING: **90.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.59494 DEGREES**  
 (17a,b) LONGITUDE: **W 85.19518 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **7**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2001**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **105.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **725.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **42 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **45.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **45.6 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **0 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **45.6 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL ARTERIAL**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **8**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **7**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **9**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **111N**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/12/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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## PUBLICATION DATE

**27-Jul-18**



# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04S42530001**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **BELLVIEW RD.**  
 CROSSING: **BEAVER DAM CREEK**  
 LOCATION: **1.86 MI.EAST OF SR101**

COUNTY: **BLEDSOE**  
 ROUTE: **SR101**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **6.38**  
 SUFFICIENCY RATING: **80.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.73537 DEGREES**  
 (17a,b) LONGITUDE: **W 85.19521 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1938**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **2012**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **43.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **100.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **27.2 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **29.9 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **25 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **27.2 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **7**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **5**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HL-93**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0110**  
 (113) SCOUR CONDITION RATING: **5**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/4/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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## PUBLICATION DATE

**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04S42530003**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **BELLVIEW RD.**  
 CROSSING: **COWEN CREEK**  
 LOCATION: **3.49 MI.EAST OF SR101**

COUNTY: **BLEDSOE**  
 ROUTE: **SR101**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **8.01**  
 SUFFICIENCY RATING: **81.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.75063 DEGREES**  
 (17a,b) LONGITUDE: **W 85.17217 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **1**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1938**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **23.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **23.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **30.8 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **30 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **41.3 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **8**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/4/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04S42530005**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **BELLVIEW RD.**  
 CROSSING: **BEE CREEK**  
 LOCATION: **4.45 MI. EAST OF SR101**

COUNTY: **BLEDSOE**  
 ROUTE: **SR101**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **8.98**  
 SUFFICIENCY RATING: **56.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.76293 DEGREES**  
 (17a,b) LONGITUDE: **W 85.16903 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **4**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1938**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **43.0 FT**  
 (49) TOTAL BRIDGE LENGTH: **128.9 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **27.6 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **27.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **20 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **6**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **5**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **5**  
 (68) DECK GEOMETRY: **4**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **128.9 FT**  
 (94) BRIDGE IMPROVEMENT COST: **\$273,000.00**  
 (95) ROADWAY IMPROVEMENT COST: **\$28,000.00**  
 (96) TOTAL PROJECT COST: **\$410,000.00**  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/5/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04004180001**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **SR-284**  
 CROSSING: **CANE CREEK**  
 LOCATION: **IN FALLS CR FALLS ST PARK**

COUNTY: **BLEDSOE**  
 ROUTE: **SR284**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **0.88**  
 SUFFICIENCY RATING: **90.4**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.63833 DEGREES**  
 (17a,b) LONGITUDE: **W 85.33500 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **STEEL CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **ASPHALT**  
 B) TYPE MEMBRANE: **NONE**  
 C) TYPE PROTECTION: **NONE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1970**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY-PEDESTRIAN**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **89.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **241.1 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.3 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.3 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **27.9 FT**  
 (52) BRIDGE OUT TO OUT WIDTH: **35.4 FT**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **32.2 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **54 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **28.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **7**  
 (59) SUPERSTRUCTURE: **6**  
 (60) SUBSTRUCTURE: **7**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**  
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **6**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **ONNN**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/7/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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## PUBLICATION DATE

**27-Jul-18**



# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04SR2840005**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **SR-284**  
 CROSSING: **BRANCH**  
 LOCATION: **IN FALL CREEK FALLS SP**

COUNTY: **BLEDSOE**  
 ROUTE: **SR284**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.04**  
 SUFFICIENCY RATING: **96.5**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.64953 DEGREES**  
 (17a,b) LONGITUDE: **W 85.33167 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **STEEL**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**  
 (45) NUMBER OF MAIN SPANS: **3**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1988**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **3.9 FT**  
 (49) TOTAL BRIDGE LENGTH: **22.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **34.1 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **45 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **34.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **6**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **NNNN**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/7/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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**PUBLICATION DATE**  
**27-Jul-18**

# NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **04004180003**  
 BRIDGE OWNER: **STATE OF TENNESSEE**  
 FIPS CODE: **00000**  
 ROAD NAME: **SR-284**  
 CROSSING: **ROCKHOUSE CREEK**  
 LOCATION: **FALL CREEK FALLS ST PARK**

COUNTY: **BLEDSOE**  
 ROUTE: **SR284**  
 SPECIAL CASE: **0**  
 COUNTY SEQUENCE: **1**  
 LOG MILE: **1.79**  
 SUFFICIENCY RATING: **97.0**

## IDENTIFICATION

(16a,b) LATITUDE: **N 35.64833 DEGREES**  
 (17a,b) LONGITUDE: **W 85.33333 DEGREES**  
 (98a) BORDER BRIDGE STATE CODE: **N/A**  
 (98b) PERCENT SHARE: **N/A**  
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

## BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**  
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**  
 (46) NUMBER OF APPROACH SPANS: **0**  
 (107) TYPE OF DECK: **NOT APPLICABLE**  
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:  
 A) TYPE OF SURFACE: **NOT APPLICABLE**  
 B) TYPE MEMBRANE: **NOT APPLICABLE**  
 C) TYPE PROTECTION: **NOT APPLICABLE**

## AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1970**  
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**  
 (42a) SERVICE ON BRIDGE: **HIGHWAY**  
 (42b) UNDER BRIDGE: **WATERWAY**  
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**  
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

## GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **11.2 FT**  
 (49) TOTAL BRIDGE LENGTH: **23.0 FT**  
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**  
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**  
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**  
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**  
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **42.0 FT**  
 (33) BRIDGE MEDIAN: **NO MEDIAN**  
 (34) BRIDGE SKEW: **10 DEGREES**  
 (35) BRIDGE FLARE: **NO FLARE**  
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**  
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **42.0 FT**  
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**  
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**  
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**  
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

## NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**  
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**  
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**  
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

## CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**  
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**  
 (26) FUNCTIONAL CLASS: **RURAL MAJOR COLLECTOR**  
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**  
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**  
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**  
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**  
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

## CONDITION RATINGS

(58) DECK: **N**  
 (59) SUPERSTRUCTURE: **N**  
 (60) SUBSTRUCTURE: **N**  
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**  
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

## DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**  
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**  
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**  
 (70) BRIDGE POSTING CODE: **5**  
 (41) WT POSTING STATUS: **OPEN**

## APPRAISAL

(67) STRUCTURAL EVALUATION: **7**  
 (68) DECK GEOMETRY: **N**  
 (69) UNDERCLEARANCE RATING: **N**  
 (71) WATERWAY ADEQUACY: **6**  
 (72) APPROACH ROADWAY ALIGNMENT: **8**  
 (36) TRAFFIC SAFETY FEATURES: **0000**  
 (113) SCOUR CONDITION RATING: **8**

## RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**  
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**  
 (94) BRIDGE IMPROVEMENT COST:  
 (95) ROADWAY IMPROVEMENT COST:  
 (96) TOTAL PROJECT COST:  
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

## INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **6/5/2018**  
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**  
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**  
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**  
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**  
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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